

Having thus described our invention, we now claim:

1. A print system for selective identification and communication of information on a document white space comprising:

- a printer for generating a document;
- 5 a printer server for controlling printer operation including:
  - means for identifying a document white space of a printing job and a user of the printer,
  - means for storing a profile by subject
  - 10 of information desired by the user, and
  - means for linking the printer server to a source of the information; and,
  - means for printing selected information
  - corresponding to subjects in the profile of the user
  - 15 in the document white space.

2. The print system as defined in claim 1 wherein the printer server further includes a content memory storing a predetermined group of information from which the desired information is selected.

3. The print system as defined in claim 2 wherein a harvester is linked to the printer server for collecting the predetermined group of information.

4. The print system as defined in claim 1 wherein the printer server is networked to a plurality of users, each having a distinct profile.

5. The print system as defined in claim 1 further including an editor for editing the profile by the user.

6. A document generating method for autonomous selection and communication of information drawn from a varying data stream keyed by a set of predetermined subjects corresponding to a parameter profile,

5 including:

selecting an original set of the predetermined subjects comprised of contents which are updated over time to comprise the varying data stream;

10 selecting a subset of the original set in accordance with user instructions wherein the subset comprises the parameter profile;

incidental to the user generating a first document, generating a second document comprised of  
15 data segments extracted from the subset;

associating the first and second documents;  
and,

contemporaneously communicating the first and second documents to the user.

7. The document generating method as claimed in claim 6 wherein the documents are printed and the associating comprises identifying a white space within the first document and disposing the second  
5 document within the white space.

8. The document generating method as claimed in claim 7 wherein the first document comprises a printer job having a cover page identifying the user and the associating comprises disposing the second  
5 document within the white space of the cover page.

9. The document generating method as claimed in claim 7 wherein a user amends the profile by editing the printed document.

10. The document generating method as claimed  
in claim 6 further including harvesting said data  
segments from the predetermined set and storing said  
data segments in a server utilized in the user  
5 generating of the first document.

11. The document generating method as claimed  
in claim 10 wherein said generating the second  
document comprises selecting the extracted data  
segments from the server.

12. The document generating method as claimed  
in claim 6 wherein said selecting the subset includes  
relative weighting of items within the subset in  
accordance with an expression of user preference of  
5 appearance of the items in the second document.

13. The document generating method as claimed  
in claim 6 wherein said generating the second  
document comprises storing a record of the data  
segments included therein for avoiding repetitive  
5 communication of the segments to the user.

14. A method of profile guided printing of a  
data stream incidental to a printing of a preselected  
document for dynamic and serendipitous communication  
of items of interest drawn from the data stream, in  
5 association with printing of the document, comprising  
steps of:

- generating a user profile comprised of  
preferences of subject matter within the data stream;
- generating the preselected document and  
10 identifying the profile corresponding to the  
document;
- selecting the items of interest from the  
data stream in accordance with the profile;

15            associating the document and the items of  
             interest in a combination document; and,  
             printing the combination document.

15.    The method as defined in claim 14 further  
including recording the printed items of interest and  
wherein the selecting includes avoiding the printed  
items of interest for avoiding repetition.

16.    The method as defined in claim 14 wherein  
the data stream is harvested from a website.

17.    The method as defined in claim 14 wherein  
the data stream is generated from a harvester.